

# HANGAR 1

The official e-newsletter of the  
Illinois Aviation Museum

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Thank you to all who attended Cavalcade of Planes! It was a fantastic event made possible by our community, volunteers, and aviators. We can't wait to see you next year!



## WHAT'S HAPPENING IN JULY?

**July 4th Celebration**  
7/4 | 3:00pm-9:00pm  
We'll be at Bolingbrook  
Golf Club giving rides  
in the Ground Bound!

**Young Eagles**  
7/9 | 9:00am-12:00pm  
(Weather Permitting)  
**EAA AirVenture Oshkosh**  
7/25-7/30

### Visit us!

We are open every Saturday and Sunday from 10:00 - 2:00.  
There are plenty of exciting exhibits and fun for the whole family.





## Cavalcade of Planes 2022

This year's Cavalcade of Planes was a fantastic event with great weather and large crowds. We are so happy that we could share our CLOW airport with the community. As always, this event is not possible without our dedicated volunteers and aviators. The museum was open and had an interactive KC-135R Simulator, a Q&A with Bridgette Ellis, and so much more! Be sure to stop by next year's event; we can hardly wait!





# BRIDGETTE ELLIS VISITS CLOW

Bridgette Ellis, the youngest person to solo an airplane at nine years old, made a guest appearance with her family at Cavalcade of Planes.

Bridgette held a Q&A at the museum about her solo experience and why she started flying. Pictured to the right, she is standing below the airplane she soloed in, called the Quicksilver. Click [here](#) to listen to Bridgette's full story of how she became the youngest person to solo.



## FRIENDS OF AVIATION PLAZA Paver Bricks

Summer is here, which means great weather and perfect timing to get that new certification, whether it is your Private Pilot, Instrument Rating, Multi-engine, etc. It is also a great time to mark your achievement in stone by purchasing a brick in the Friends Of Aviation Plaza. Even if you are not studying aviation, you can mark major events in your life, such as an engagement, marriage, graduation, and birthday, by getting a brick. It takes a couple of months to get the bricks from the time they are ordered until installed. The next order for bricks will be placed at the beginning of September. To place a brick order, you can get a form at Bolingbrook's Clow International airport manager's office, JW Aviation, the Illinois Aviation Museum, or online at this [link](#).



# The Formidable Fokker DR-1

## (Part 2)

By: Dan Christine

In February 1917, Fokker DR1 designer Anthony Fokker viewed a captured British Sopwith Triplane. This aircraft, with three wings, caused great losses to the pilots of the Albatros D series. Fokker then traveled back to the Schwerin Factory and instructed Reinhold Platz to design a triplane like the Sopwith. The DR1, with three shorter wings and wider wing chords greatly increased lift and maneuverability. **After several prototypes and a few design improvements, the Fokker DR1 was finally introduced to the front in the fall of 1917.**



Manfred von Richthofen

**Manfred von Richthofen, who would eventually go down in history as the Red Baron and the most successful World War I pilot with 80 kills would also lose his life in a DR1.** Richthofen's first two kills with the DR1 occurred on September 1, 1917, when he shot down two enemy aircraft flying DR1 102/17. Richthofen exclaimed that **the Fokker DR1 "climbed like a monkey and maneuvered like the devil."** Douhet's aerial warfare theories, comparing the hawk and raven struggle in the air had come true. After several different aircraft flown by Richthofen, which included the Albatros D.II and D.III, the DR1 would become his favorite mount. But DR1 425/17 would be the aircraft he died in on April 21, 1918, in the Somme River region. Was it Captain Roy Brown of the British Air Service who fired the final shot while the Red Baron chased Brown's squadron mate Wilfrid "Wop" May or was it the Australian ground gunner Cedric Popkin who sent the Red Baron toward the ensuing controlled crash landing? **The debate, to this day, continues between historians on who pulled the trigger that sent the one bullet that ended Richthofen's life.**



# DESERT RAT RESTORATION LINK TRAINER PROJECT

The Illinois Aviation Museum has donated extra, original pieces of our link trainer to the Desert Rat Restoration Group. A link trainer was used to train pilots to fly by reference to their flight instruments. Desert Rat Restorations has a B-17E Flying Fortress that they are currently restoring. In addition, they were given three-link trainers in various conditions of disrepair. They want to restore all of them to their original, functioning states. After naming each link trainer 1, 2, & 3, they got to work looking for original parts to restore each one. Number 1 was 70% functional, while 2 & 3 were in the worst shape. Using original operating manuals and Number 1 as a guide, they are slowly restoring each link trainer. They are currently taking Number 2 apart and putting it back together. You can see their progress on their [Facebook page](#). After the link trainers are restored, they would like to keep one and offer the others to museums or buyers. The proceeds would go back into their restoration group to help fund other projects. The museum gave three boxes full of original parts, a canopy cover, and manuals. We cannot wait to see this group's fantastic restoration work!



# VOLUNTEER SPOTLIGHT

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## CHRIS CHRISTINE MEMBERSHIP DIRECTOR



### How long have you been a part of IAM?

I have been a part of the museum since 2005. It started when I would bring students from Richards High School in Oak Lawn, IL. to the museum for Young Eagle flights. I was then asked if my students would be interested in building an airplane. So, I started an aviation club at the school, which would come to the museum on Wednesday evenings to build a flying Fokker E.III.

### Why do you like volunteering at IAM?

I have always liked aviation and had a goal to introduce teenagers to it. The museum has exhibits for people of different ages so everyone can experience what aviation has to offer. I love being a part of IAM because it is fun watching it grow. I am excited for the museum to reach our 2025 goal, which is to have a new, larger building. It always makes me happy to see people come into the museum, be amazed at our collection, and even be surprised when they learn that it is all volunteer-run.

### What is your favorite aircraft and why?

My favorite aircraft is Arnie Zimmerman's "Breezy" because it was so open and fun to fly!



## COMPASS ROSE

CLOW Airport got a new addition, a compass rose! Trey Klein completed his Eagle Scout Project by painting a compass rose on the West bubble of the West turn-off (taxiway bravo.) A registered surveyor added the North heading, and Trey took it from there. Feel free to use it as needed. Thank you, Trey, for this project, as it is a great benefit and addition to the airport.